

BAAQMD High-Hour Ozone Concentrations (pphm),

May

1999

| Date | BI | CC | FF | FR | GI | HA | LI | LG | MV | NP | OA | PT | RC | SF | SJ | SP | SL | SM | PA | SR | ST | VA | Dist |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| S 01 | 3.8 | 4.0 | 3.9 | 4.1 | 4.4 | 4.4 | 4.2 | 3.9 | 4.5 | 3.5 | 3.1 | 3.1 | 3.3 | 4.0 | 3.9 | 4.2 | 4.1 | 4.3 | 4.2 | 3.7 | 3.6 | 3.6 | 4.5 |
| S 02 | 4.8 | 5.5 | 4.7 | 4.4 | 5.0 | 4.9 | 4.6 | 5.1 | 5.2 | 4.4 | 3.6 | 4.0 | 3.7 | 4.6 | 4.5 | 4.5 | 4.6 | 5.4 | 4.7 | 4.2 | 4.9 | 4.4 | 5.5 |
| M 03 | 4.5 | 4.8 | 4.5 | 4.4 | 5.0 | 4.7 | 4.6 | 4.4 | 4.7 | 4.1 | 3.9 | 3.7 | 3.7 | 4.7 | 4.2 | 4.2 | 4.5 | 5.0 | 4.7 | 4.4 | 4.3 | 4.2 | 5.0 |
| T 04 | 5.5 | 5.8 | 5.1 | 4.8 | 5.7 | 5.1 | 4.9 | 4.7 | 5.7 | 4.8 | 4.2 | 4.2 | 3.9 | 4.2 | 4.8 | 4.7 | 4.7 | 5.6 | 5.1 | 4.0 | 4.8 | 4.4 | 5.8 |
| W 05 | 6.4 | 6.4 | 6.0 | 4.4 | 6.7 | 4.3 | 6.7 | 5.7 | 6.1 | 5.3 | 3.0 | 4.6 | 4.0 | 4.2 | 4.6 | 4.5 | 4.1 | 6.1 | 5.6 | 4.5 | 4.7 | 5.4 | 6.7 |
| T 06 | 4.3 | 4.0 | 4.0 | 4.2 | 4.7 | 4.5 | 3.8 | 3.8 | 3.9 | 3.7 | 2.7 | 3.7 | 3.5 | 3.8 | 3.9 | 3.8 | 4.4 | 4.7 | 4.4 | 3.6 | 3.5 | 4.1 | 4.7 |
| F 07 | 5.5 | 5.9 | 5.1 | 4.1 | 5.4 | 4.4 | 4.6 | 4.4 | 5.1 | 4.8 | 3.1 | 4.4 | 3.6 | 3.7 | 4.6 | 4.1 | 4.2 | 5.2 | 5.0 | 4.0 | 5.7 | 4.5 | 5.9 |
| S 08 | 5.1 | 5.5 | 4.9 | 4.4 | 5.8 | 5.0 | 4.9 | 4.4 | 5.1 | 4.8 | 3.6 | 3.9 | 3.8 | 4.1 | 4.7 | 4.5 | 4.7 | 5.6 | 4.9 | 3.9 | 5.1 | 4.4 | 5.8 |
| S 09 | 5.2 | 5.4 | 4.9 | 4.4 | 5.8 | 4.8 | 5.3 | 4.8 | 5.4 | 4.6 | 3.7 | 3.9 | 3.7 | 4.1 | 4.8 | 4.5 | 4.6 | 5.7 | 4.8 | 4.3 | 5.0 | | 5.8 |
| M 10 | 5.3 | 5.6 | 4.8 | 4.8 | 5.5 | 5.0 | 4.9 | 4.6 | 5.7 | 4.6 | 3.2 | 3.7 | 4.4 | 4.5 | 4.9 | 5.1 | 4.3 | 5.5 | 5.3 | 4.9 | 4.5 | 4.6 | 5.7 |
| T 11 | 4.3 | 4.5 | 4.0 | 3.4 | 5.0 | 3.6 | 4.2 | 3.9 | 3.1 | 3.2 | 2.2 | 2.2 | 2.3 | 2.9 | 3.4 | 3.5 | 3.6 | 4.9 | 3.3 | 3.3 | 3.0 | 3.4 | 5.0 |
| W 12 | 4.8 | 4.1 | 4.4 | 4.1 | 3.8 | 4.6 | 4.2 | 3.7 | 5.3 | 3.8 | 2.2 | 3.6 | 4.4 | 3.8 | 4.0 | 4.4 | 4.1 | 4.3 | 4.6 | 4.3 | 5.4 | 4.3 | 5.4 |
| T 13 | 5.7 | 5.7 | 5.1 | 4.5 | 5.0 | 5.0 | 4.9 | 4.6 | 5.0 | 4.9 | 4.1 | 4.3 | 4.0 | 4.2 | 4.6 | 4.6 | 5.1 | | 4.3 | 4.8 | 4.4 | | 5.7 |
| F 14 | 5.2 | 5.4 | 4.7 | 4.8 | 5.1 | 5.2 | 4.8 | 4.7 | 5.4 | 5.0 | 3.4 | 3.8 | 3.8 | 4.5 | 4.7 | 4.8 | 4.7 | 5.3 | 5.0 | 4.0 | 5.1 | 4.4 | 5.4 |
| S 15 | 5.3 | 5.7 | 4.8 | 4.3 | 4.8 | 4.7 | 5.1 | 4.7 | 5.0 | 4.8 | 3.6 | 4.0 | 3.5 | 4.0 | 4.5 | 4.3 | 4.5 | 5.7 | 5.0 | 3.8 | 4.5 | 4.2 | 5.7 |
| S 16 | 5.0 | 4.6 | 4.5 | 4.0 | 5.6 | 4.2 | 5.0 | 4.1 | 4.8 | 4.3 | 3.2 | 3.8 | 3.3 | 3.7 | 4.1 | 3.9 | 4.0 | 5.7 | 4.0 | 3.9 | 3.8 | 4.1 | 5.7 |
| M 17 | 3.1 | 3.2 | 3.1 | 2.7 | 3.7 | 3.1 | 2.9 | 2.8 | 2.6 | 2.7 | 2.1 | 2.5 | 2.0 | 3.0 | 2.6 | 2.7 | 2.9 | 3.3 | 2.8 | 2.5 | 2.4 | 2.6 | 3.7 |
| T 18 | 3.9 | 3.8 | 4.0 | 3.6 | 4.1 | 4.1 | 3.8 | 3.1 | 4.1 | 3.7 | 2.6 | 3.1 | 3.2 | 3.4 | | 3.3 | 3.9 | 4.1 | 3.9 | 2.9 | 3.3 | 3.7 | 4.1 |
| W 19 | 4.7 | 4.1 | 3.8 | 4.0 | 4.0 | 4.2 | 4.0 | 4.0 | 4.2 | 3.6 | 2.7 | 3.2 | | 3.8 | 3.6 | 3.8 | 3.9 | 4.4 | 4.1 | 3.3 | 3.4 | 3.5 | 4.7 |
| T 20 | 4.2 | 4.1 | 4.0 | 3.9 | 4.2 | 4.0 | 4.0 | 4.0 | 4.0 | 3.4 | 2.6 | 3.1 | 3.5 | | 3.8 | 3.8 | 3.9 | 4.5 | 4.0 | 3.5 | 3.4 | 3.4 | 4.5 |
| F 21 | 5.5 | 4.9 | 4.2 | 4.1 | 6.0 | 4.6 | 5.2 | 5.2 | 3.8 | 3.6 | 2.3 | 4.0 | 2.0 | 2.9 | 4.2 | 4.5 | 3.2 | 5.8 | 3.5 | 3.0 | 3.5 | 2.9 | 6.0 |
| S 22 | 6.4 | 7.0 | 5.3 | 4.5 | 6.0 | 5.0 | 6.6 | 5.2 | | 4.7 | 3.8 | 4.6 | 4.3 | 4.3 | 4.8 | 4.8 | 5.0 | 5.9 | 4.4 | 4.3 | 4.3 | 4.0 | 7.0 |
| S 23 | 4.8 | 5.5 | 4.7 | 5.4 | 5.6 | 5.4 | 5.6 | 4.8 | | 4.4 | 4.2 | 3.7 | 4.1 | 4.7 | 4.8 | 5.2 | 5.5 | 5.3 | 4.6 | 4.3 | 4.2 | 4.3 | 5.6 |
| M 24 | 4.1 | 4.6 | 3.7 | 3.6 | 4.8 | 3.7 | 3.7 | 4.3 | | 3.5 | 2.6 | 3.2 | 2.8 | 3.5 | 3.5 | 3.2 | 3.6 | 5.0 | 3.9 | 3.1 | 3.3 | 3.1 | 5.0 |
| T 25 | 5.5 | 6.6 | 4.6 | 4.9 | 4.9 | 3.6 | 5.3 | 4.6 | 4.5 | 3.8 | 2.9 | 4.6 | 3.1 | 3.7 | 4.6 | 4.9 | 3.5 | 5.7 | 3.7 | 3.0 | 3.3 | 3.7 | 6.6 |
| W 26 | 4.5 | 3.7 | 3.6 | 3.3 | 3.8 | 3.2 | 3.1 | 3.8 | 3.7 | 3.6 | 3.0 | 3.8 | 2.7 | 3.9 | 3.4 | 3.5 | 3.7 | 4.2 | 4.0 | 2.9 | 3.8 | 3.2 | 4.5 |
| T 27 | 4.0 | 3.9 | 4.0 | 4.1 | 4.2 | 4.0 | 3.5 | 3.5 | 4.3 | 4.0 | 3.5 | 3.3 | 3.1 | 4.2 | 3.8 | 3.7 | 4.3 | 4.8 | 4.4 | 3.2 | 3.7 | 3.6 | 4.8 |
| F 28 | 4.9 | 4.1 | 3.9 | 3.8 | 4.5 | 4.0 | 3.7 | 3.5 | 4.4 | 3.6 | 3.4 | 3.5 | 3.1 | 4.1 | 3.8 | 3.3 | 4.0 | 4.5 | 4.3 | 3.3 | 3.4 | 3.7 | 4.9 |
| S 29 | 4.6 | 4.0 | 4.1 | 3.7 | 4.0 | 4.1 | 4.1 | 3.6 | 4.2 | 4.0 | 3.4 | 3.3 | 3.7 | 3.8 | 3.6 | 3.4 | 4.0 | 4.2 | 3.9 | 3.7 | 3.9 | 3.4 | 4.6 |
| S 30 | 4.7 | 4.9 | 4.4 | 4.5 | 5.0 | 4.6 | 4.8 | 4.5 | 4.8 | 4.3 | 3.8 | 3.5 | 3.7 | 4.3 | 4.8 | 4.6 | 4.5 | 4.9 | 4.4 | 3.9 | 4.0 | 3.9 | 5.0 |
| M 31 | 4.6 | 4.9 | 4.4 | 4.8 | 5.2 | 4.7 | 5.1 | 4.9 | 5.0 | 4.3 | 3.7 | 3.5 | 3.4 | 4.3 | 4.9 | 4.8 | 4.6 | 4.9 | 4.3 | 3.8 | 4.2 | 3.9 | 5.2 |
| Max | 6.4 | 7.0 | 6.0 | 5.4 | 6.7 | 5.4 | 6.7 | 5.7 | 6.1 | 5.3 | 4.2 | 4.6 | 4.4 | 4.7 | 4.9 | 5.2 | 5.5 | 6.1 | 5.6 | 4.9 | 5.7 | 5.4 | 7.0 |
| D>12.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mean | 4.8 | | 4.4 | | 4.9 | | 4.6 | | 4.6 | | 3.2 | | 3.5 | | 4.2 | | 4.2 | | 4.4 | | 4.1 | | 3.9 |
| | 4.9 | | 4.2 | | 4.4 | | 4.3 | | 4.1 | | 3.7 | | 4.0 | | 4.0 | | 4.2 | | 5.0 | | 3.7 | | 3.9 |

BAAQMD Highest Eight-Hour Average Ozone Concentrations (pphm), May

1999

| Date | BI | CC | FF | FR | GI | HA | LI | LG | MV | NP | OA | PT | RC | SF | SJ | SP | SL | SM | PA | SR | ST | VA | Dist | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--|
| S 01 | 3.7 | 3.9 | 3.6 | 4.1 | 4.2 | 4.4 | 4.1 | 3.6 | 4.4 | 3.1 | 3.1 | 2.8 | 3.2 | 4.0 | 3.9 | 4.0 | 4.1 | 4.1 | 4.0 | 3.7 | 3.3 | 3.6 | 4.4 | |
| S 02 | 4.4 | 4.7 | 4.4 | 4.2 | 4.7 | 4.6 | 4.2 | 4.4 | 4.9 | 4.1 | 3.3 | 3.4 | 3.5 | 4.4 | 4.1 | 4.1 | 4.4 | 5.0 | 4.5 | 4.0 | 4.3 | 4.2 | 5.0 | |
| M 03 | 4.2 | 4.2 | 4.0 | 4.0 | 4.8 | 4.4 | 4.3 | 4.2 | 4.5 | 3.7 | 2.8 | 3.3 | 3.2 | 3.8 | 3.7 | 4.0 | 4.0 | 4.8 | 4.3 | 3.5 | 4.1 | 3.9 | 4.8 | |
| T 04 | 4.9 | 5.3 | 4.6 | 4.4 | 5.3 | 4.7 | 4.6 | 4.4 | 5.2 | 4.5 | 3.4 | 3.8 | 3.8 | 4.0 | 4.5 | 4.4 | 4.5 | 5.3 | 4.9 | 3.4 | 4.4 | 4.2 | 5.3 | |
| W 05 | 5.5 | 5.8 | 5.2 | 3.7 | 6.0 | 3.5 | 5.7 | 4.9 | 5.1 | 4.6 | 2.4 | 4.1 | 3.6 | 3.6 | 4.2 | 3.7 | 3.5 | 5.5 | 4.8 | 3.7 | 4.3 | 4.7 | 6.0 | |
| T 06 | 3.6 | 3.4 | 3.5 | 3.7 | 3.9 | 4.1 | 3.4 | 3.1 | 3.7 | 3.3 | 2.3 | 2.9 | 3.0 | 3.6 | 3.3 | 3.3 | 3.9 | 3.9 | 3.5 | 3.0 | 3.4 | 4.1 | | |
| F 07 | 5.0 | 5.1 | 4.3 | 3.5 | 4.8 | 3.9 | 3.6 | 3.8 | 4.9 | 4.4 | 2.7 | 3.8 | 3.3 | 3.3 | 3.9 | 3.6 | 3.5 | 4.7 | 4.6 | 3.4 | 5.2 | 4.0 | 5.2 | |
| S 08 | 4.8 | 5.0 | 4.5 | 3.9 | 4.9 | 4.4 | 4.3 | 4.1 | 4.7 | 4.5 | 3.3 | 3.6 | 3.4 | 3.8 | 4.1 | 4.0 | 4.1 | 4.7 | 4.4 | 3.8 | 4.7 | 4.1 | 5.0 | |
| S 09 | 4.7 | 5.0 | 4.7 | 4.2 | 5.2 | 4.5 | 4.7 | 4.3 | 4.9 | 4.3 | 3.3 | 3.6 | 3.4 | 3.9 | 4.3 | 4.1 | 4.2 | 5.2 | 4.6 | 4.1 | 4.7 | | 5.2 | |
| M 10 | 4.6 | 4.6 | 4.4 | 4.4 | 4.9 | 4.5 | 4.3 | 4.0 | 4.2 | 4.0 | 2.3 | 3.3 | 3.3 | 4.0 | 4.3 | 4.3 | 3.9 | 4.9 | 4.3 | 3.9 | 4.1 | 4.0 | 4.9 | |
| T 11 | 3.8 | 3.8 | 3.0 | 2.7 | 4.3 | 2.9 | 3.3 | 3.1 | 2.7 | 2.7 | 1.4 | 2.8 | 1.8 | 2.0 | 2.7 | 2.5 | 2.5 | 4.1 | 2.4 | 2.0 | 2.6 | 2.4 | 4.3 | |
| W 12 | 4.3 | 3.8 | 3.9 | 4.0 | 3.5 | 4.3 | 4.0 | 3.0 | 4.8 | 3.5 | 1.9 | 3.4 | 3.7 | 3.6 | 3.8 | 4.2 | 3.4 | 3.8 | 4.3 | 4.0 | 4.8 | 4.1 | 4.8 | |
| T 13 | 5.0 | 5.2 | 4.6 | 4.2 | 4.5 | 4.6 | 4.2 | 4.1 | 4.8 | 4.3 | 3.5 | 3.9 | 3.4 | 3.9 | 4.1 | 4.3 | 4.1 | 4.7 | 3.6 | 4.5 | 4.1 | | 5.2 | |
| F 14 | 4.8 | 5.0 | 4.4 | 4.5 | 4.8 | 4.8 | 4.4 | 4.5 | 5.2 | 4.7 | 3.0 | 3.6 | 3.6 | 4.2 | 4.2 | 4.5 | 4.4 | 4.9 | 4.8 | 3.8 | 4.7 | 4.2 | 5.2 | |
| S 15 | 4.8 | 5.1 | 4.4 | 4.0 | 4.6 | 4.3 | 4.6 | 4.2 | 4.6 | 4.3 | 3.1 | 3.6 | 3.3 | 3.7 | 4.1 | 4.0 | 4.1 | 5.1 | 4.3 | 3.3 | 4.1 | 3.8 | 5.1 | |
| S 16 | 4.3 | 4.1 | 4.2 | 3.8 | 4.7 | 4.0 | 4.2 | 3.6 | 4.1 | 3.9 | 2.9 | 3.3 | 3.0 | 3.5 | 3.9 | 3.8 | 3.7 | 5.0 | 3.7 | 3.5 | 3.7 | 3.7 | 5.0 | |
| M 17 | 2.8 | 2.6 | 2.6 | 2.4 | 3.0 | 2.7 | 2.4 | 2.3 | 2.1 | 2.3 | 1.5 | 2.2 | 1.8 | 2.3 | 2.3 | 2.2 | 2.4 | 2.9 | 2.4 | 2.2 | 2.0 | 2.3 | 3.0 | |
| T 18 | 3.4 | 3.3 | 3.7 | 3.3 | 3.6 | 3.8 | 3.4 | 2.8 | 3.5 | 3.5 | 2.2 | 2.7 | 2.8 | 3.1 | | 2.9 | 3.5 | 3.6 | 3.7 | 2.6 | 3.2 | 3.4 | 3.8 | |
| W 19 | 4.2 | 3.9 | 3.5 | 3.8 | 3.9 | 3.9 | 3.8 | 3.8 | 4.0 | 3.2 | 2.5 | 2.9 | | 3.6 | 3.5 | 3.6 | 3.8 | 4.0 | 3.8 | 3.2 | 3.1 | 3.4 | 4.2 | |
| T 20 | 4.0 | 3.8 | 3.6 | 3.5 | 3.9 | 3.9 | 3.7 | 3.6 | 3.8 | 3.2 | 2.4 | 3.0 | 3.1 | | 3.4 | 3.2 | 3.6 | 4.2 | 3.7 | 2.9 | 3.1 | 3.2 | 4.2 | |
| F 21 | 4.8 | 4.1 | 3.5 | 3.4 | 4.3 | 3.7 | 4.2 | 4.0 | 3.0 | 3.1 | 1.6 | 3.4 | 1.9 | 2.6 | 3.3 | 3.3 | 2.9 | 4.6 | 3.1 | 2.4 | 3.1 | 2.5 | 4.8 | |
| S 22 | 5.4 | 5.7 | 4.9 | 3.9 | 5.4 | 4.2 | 5.8 | 4.8 | | 4.2 | 3.2 | 4.1 | 3.8 | 3.7 | 4.5 | 4.5 | 4.1 | 5.2 | 3.9 | 3.7 | 4.0 | 3.8 | 5.8 | |
| S 23 | 4.5 | 5.1 | 4.4 | 4.9 | 5.2 | 5.0 | 5.1 | 4.6 | | 4.1 | 3.9 | 3.5 | 3.9 | 4.3 | 4.5 | 4.7 | 5.0 | 5.0 | 4.3 | 3.9 | 3.9 | 4.0 | 5.2 | |
| M 24 | 3.5 | 3.6 | 3.5 | 3.3 | 4.1 | 3.4 | 3.1 | 2.9 | | 3.1 | 2.4 | 2.8 | 2.5 | 3.3 | 3.2 | 2.9 | 3.3 | 4.3 | 3.6 | 2.6 | 3.0 | 2.9 | 4.3 | |
| T 25 | 4.9 | 4.9 | 4.1 | 3.4 | 3.7 | 3.1 | 4.0 | 3.5 | 3.2 | 3.3 | 2.2 | 4.2 | 2.5 | 3.3 | 3.2 | 3.3 | 3.2 | 4.7 | 3.6 | 2.6 | 2.3 | 3.1 | 4.9 | |
| W 26 | 3.7 | 3.4 | 3.3 | 2.9 | 3.3 | 3.5 | 2.7 | 3.0 | 3.2 | 3.4 | 2.7 | 3.0 | 2.3 | 3.8 | 2.9 | 2.7 | 3.7 | 3.7 | 4.0 | 2.7 | 3.5 | 3.3 | 4.0 | |
| T 27 | 3.7 | 3.6 | 3.7 | 3.6 | 3.4 | 3.6 | 3.0 | 2.9 | 3.8 | 3.6 | 2.8 | 3.0 | 2.9 | 3.7 | 3.3 | 2.9 | 4.0 | 3.9 | 4.1 | 3.0 | 3.3 | 3.5 | 4.1 | |
| F 28 | 4.3 | 3.9 | 3.7 | 3.6 | 3.9 | 3.9 | 3.6 | 3.0 | 3.7 | 3.4 | 2.7 | 3.2 | 2.7 | 3.6 | 3.5 | 3.0 | 3.7 | 4.0 | 3.8 | 3.4 | 3.1 | 3.2 | 4.3 | |
| S 29 | 4.2 | 3.8 | 3.9 | 3.6 | 3.9 | 3.9 | 3.7 | 3.8 | 3.9 | 3.7 | 2.8 | 3.1 | 3.3 | 3.6 | 3.3 | 3.2 | 3.7 | 4.0 | 3.7 | 3.3 | 3.6 | 3.2 | 4.2 | |
| S 30 | 4.4 | 4.4 | 4.2 | 4.3 | 4.7 | 4.3 | 4.5 | 4.2 | 4.2 | 4.1 | 3.5 | 3.3 | 3.5 | 4.1 | 4.3 | 4.1 | 4.2 | 4.7 | 4.2 | 3.6 | 4.0 | 3.7 | 4.7 | |
| M 31 | 4.3 | 4.6 | 4.2 | 4.5 | 4.8 | 4.4 | 4.5 | 4.3 | 4.6 | 4.1 | 3.5 | 3.3 | 3.3 | 4.1 | 4.5 | 4.3 | 4.4 | 4.6 | 4.2 | 3.6 | 4.0 | 3.7 | 4.8 | |
| Max | 5.5 | 5.8 | 5.2 | 4.9 | 6.0 | 5.0 | 5.8 | 4.9 | 5.2 | 4.7 | 3.9 | 4.2 | 3.9 | 4.4 | 4.5 | 4.7 | 5.0 | 5.5 | 4.9 | 4.1 | 5.2 | 4.7 | 6.0 | |
| D>8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Mean | 4.3 | | 4.0 | | 4.4 | | 4.0 | | 4.1 | | 2.7 | | 3.1 | | 3.8 | | 3.8 | | 4.0 | | 3.7 | | 3.6 | |
| | 4.3 | | 3.8 | | 4.0 | | 3.8 | | 3.8 | | 3.7 | | 3.3 | | 3.6 | | 3.7 | | 4.5 | | 3.3 | | 3.6 | |

BAAQMD Highest Eight-Hour Average Carbon Monoxide Concentrations (ppm), May

1999

| Date | BI | CC | FR | LI | NP | OA | PT | RC | SF | SJ | PA | SR | ST | VA | Dist |
|------|----|----|----|----|----|-----|----|-----|-----|-----|----|-----|----|----|------|
| S 01 | .4 | .5 | .4 | .5 | .5 | .5 | .5 | .6 | .4 | .5 | .5 | .5 | .4 | .3 | .6 |
| S 02 | .4 | .4 | .3 | .4 | .4 | .6 | .5 | .4 | .4 | .6 | .4 | .6 | .3 | .2 | .6 |
| M 03 | .4 | .6 | .4 | .4 | .6 | .7 | .6 | .6 | .6 | .7 | .5 | .8 | .4 | .3 | .8 |
| T 04 | .4 | .6 | .7 | .6 | .6 | .9 | .5 | .7 | 1.0 | 1.0 | .7 | .7 | .3 | .8 | 1.0 |
| W 05 | .6 | .6 | .9 | .7 | .7 | 1.2 | .6 | 1.0 | 1.0 | 1.3 | .7 | .9 | .5 | .8 | 1.3 |
| T 06 | .6 | .5 | .6 | .6 | .7 | .6 | .6 | .7 | .6 | .9 | .7 | .8 | .6 | .4 | .9 |
| F 07 | .5 | .4 | .4 | .5 | .8 | .6 | .4 | .6 | .8 | .7 | .7 | .7 | .2 | .4 | .8 |
| S 08 | .5 | .4 | .5 | .5 | .6 | .5 | .4 | .5 | .7 | .8 | .5 | .6 | .2 | .3 | .8 |
| S 09 | .5 | .4 | .5 | .6 | .7 | .6 | .4 | .7 | .7 | .8 | .7 | .7 | .2 | .3 | .8 |
| M 10 | .5 | .5 | .6 | .7 | .8 | .7 | .5 | .8 | .9 | 1.1 | .9 | 1.0 | .4 | .4 | 1.1 |
| T 11 | .5 | .6 | .5 | .5 | .8 | .7 | .4 | .5 | .9 | .7 | .8 | .8 | .5 | .5 | .9 |
| W 12 | .3 | .5 | .5 | .5 | .8 | .6 | .3 | .5 | .6 | .7 | .9 | .6 | .2 | .4 | .9 |
| T 13 | .3 | .5 | .7 | .5 | .8 | .6 | .3 | .4 | .6 | .8 | | .6 | 0 | .3 | .8 |
| F 14 | .3 | .5 | .5 | .4 | .7 | .5 | .3 | .5 | .5 | .9 | .7 | .4 | .2 | .3 | .9 |
| S 15 | .4 | .4 | .4 | .4 | .2 | .6 | .3 | .5 | .6 | .7 | .7 | .4 | .3 | .3 | .7 |
| S 16 | .4 | .5 | .5 | .5 | .4 | .5 | .3 | .8 | .4 | .9 | .6 | .3 | .4 | .4 | .9 |
| M 17 | .4 | .5 | .5 | .6 | .5 | .6 | .4 | .9 | .6 | 1.0 | .7 | .4 | .6 | .4 | 1.0 |
| T 18 | .4 | .5 | .4 | .4 | .5 | .7 | .3 | .5 | .7 | | .6 | .3 | .6 | .2 | .7 |
| W 19 | .4 | .4 | .2 | .3 | .6 | .5 | .3 | | .4 | .7 | .5 | .4 | .5 | .4 | .7 |
| T 20 | .4 | .5 | .8 | .3 | .7 | .6 | .4 | 1.0 | | .7 | .6 | .4 | .4 | .4 | 1.0 |
| F 21 | .5 | .8 | .9 | .7 | .8 | 1.0 | .5 | 1.2 | .9 | .8 | .7 | .6 | .7 | .5 | 1.2 |
| S 22 | .4 | .8 | .8 | .7 | .9 | .9 | .5 | .9 | 1.0 | .7 | .7 | .6 | .8 | .5 | 1.0 |
| S 23 | .4 | .4 | .2 | .3 | .5 | .5 | .4 | .5 | .5 | .6 | .5 | .2 | .3 | .3 | .6 |
| M 24 | .4 | .5 | .4 | .4 | .6 | .5 | .5 | .5 | .5 | .7 | .5 | .4 | .3 | .3 | .7 |
| T 25 | .4 | .5 | .4 | .7 | .7 | .6 | .7 | .5 | .5 | .9 | .6 | .5 | .5 | .5 | .9 |
| W 26 | .5 | .4 | .5 | .6 | .7 | .6 | .7 | .5 | .4 | .8 | .5 | .4 | .5 | .4 | .8 |
| T 27 | .5 | .6 | .4 | .5 | .7 | .6 | .7 | .6 | .5 | .9 | .4 | .5 | .4 | .4 | .9 |
| F 28 | .5 | .4 | .3 | .4 | .6 | .6 | .5 | .6 | .5 | .8 | .5 | .5 | .4 | .4 | .8 |
| S 29 | .4 | .4 | .4 | .4 | .5 | .5 | .5 | .6 | .6 | .6 | .5 | .4 | .3 | .5 | .6 |
| S 30 | .4 | .3 | .4 | .4 | .5 | .4 | .5 | .5 | .5 | .6 | .5 | .4 | .3 | .3 | .6 |
| M 31 | .4 | .5 | .4 | .4 | .4 | .4 | .5 | .5 | .4 | .6 | .5 | .4 | .3 | .3 | .6 |
| Max | .6 | .8 | .9 | .7 | .9 | 1.2 | .7 | 1.2 | 1.0 | 1.3 | .9 | 1.0 | .8 | .8 | 1.3 |
| D> 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mean | .4 | .5 | .5 | .5 | .6 | .6 | .5 | .6 | .6 | .8 | .6 | .5 | .4 | .4 | |

BAAQMD High-Hour Nitrogen Dioxide Concentrations (pphm), May

1999

| Date | BI | CC | FR | LI | NP | PT | RC | SF | SJ | PA | SR | ST | VA | Dist |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| S 01 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| S 02 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 0 | 2 |
| M 03 | 1 | 2 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 1 | 3 | 2 | 1 | 4 |
| T 04 | 1 | 3 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 2 | 3 | 2 | 4 |
| W 05 | 1 | 3 | 4 | 5 | 2 | 3 | 3 | 4 | 5 | 3 | 3 | 3 | 3 | 5 |
| T 06 | 2 | 3 | 3 | 4 | 2 | 3 | 3 | 2 | 4 | 3 | 3 | 3 | 2 | 4 |
| F 07 | 1 | 2 | 3 | 2 | 3 | 1 | 3 | 4 | 4 | 3 | 3 | 2 | 1 | 4 |
| S 08 | 1 | 2 | 3 | 2 | 2 | 1 | 2 | 4 | 3 | 2 | 2 | 1 | 1 | 4 |
| S 09 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 3 | 2 | 1 | 1 | 1 | 3 |
| M 10 | 1 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 2 | 4 |
| T 11 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 |
| W 12 | 1 | 2 | 2 | | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| T 13 | 1 | 3 | 4 | 4 | 2 | 1 | 2 | 4 | 4 | | 2 | 1 | 1 | 4 |
| F 14 | 1 | 3 | 2 | 1 | 2 | 1 | 1 | 3 | 3 | 1 | 2 | 2 | 1 | 3 |
| S 15 | 1 | 2 | 2 | 3 | 2 | 1 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 3 |
| S 16 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 3 |
| M 17 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 3 |
| T 18 | 1 | 2 | 3 | 2 | 1 | 1 | 2 | 3 | | 2 | 2 | 2 | 1 | 3 |
| W 19 | 1 | 1 | 2 | 1 | 1 | 1 | | 2 | 3 | 2 | 2 | 3 | 2 | 3 |
| T 20 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | | 3 | 2 | 2 | 2 | 2 | 3 |
| F 21 | 2 | 5 | 4 | 4 | 2 | 2 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 5 |
| S 22 | 2 | 3 | 4 | 4 | 2 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 |
| S 23 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 |
| M 24 | 1 | 2 | 2 | 3 | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 3 |
| T 25 | 1 | 2 | 4 | 4 | 1 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 4 |
| W 26 | 2 | 2 | 3 | 3 | 1 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 1 | 3 |
| T 27 | 2 | 2 | 3 | 1 | 2 | 3 | 2 | 3 | 1 | 2 | 2 | 2 | 2 | 3 |
| F 28 | 2 | 1 | 2 | 2 | 1 | 1 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 3 |
| S 29 | 1 | 2 | | 2 | 1 | 1 | 2 | 3 | 3 | 1 | 2 | 1 | 1 | 3 |
| S 30 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 3 |
| M 31 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 |
| Max | 2 | 5 | 4 | 5 | 3 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 5 |
| D> 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mean | 1.2 | | 2.5 | | 1.6 | | 2.2 | | 3.0 | | 2.1 | | 1.4 | |
| | | 2.0 | | 2.4 | | 1.4 | | 2.6 | | 2.0 | | 1.9 | | |

BAAQMD 24-Hour 10-micron Suspended Particulate Concentrations (ug/m³), May
Sampling is done on a US EPA mandated once every 6 days schedule

Date BI CC FR LI NP RC SF SJ TR SR ST VA Dist

S 01

S 02

M 03

T 04

5 5

W 05

T 06

23 19 20 25 15 18 24 24 18 21 20 13 25

F 07

S 08

S 09

M 10

T 11

W 12 21 17 19 23 15 20 25 21 15 20 15 13 25

T 13

F 14

S 15

S 16

M 17

T 18 15 9 12 11 11 11 14 11 10 15 6 15

W 19

T 20

F 21

S 22

S 23

M 24 17 11 16 23 8 15 9 18 15 2 23

T 25

32 32

W 26

T 27

F 28

S 29

S 30 25 16 18 19 16 14 21 17 14 13 18 25

M 31

Max 25 19 20 25 16 20 25 24 18 21 32 13 32

D> 50 0 0 0 0 0 0 0 0 0 0 0 0 0

Mean 20 14 17 20 13 16 19 18 14 14 18 11

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BAAQMD 24-Hour Average Sulfur Dioxide Concentrations (ppb), May

1999

| Date | BI | CC | CR | MA | PT | SF | PA | VA | Dist |
|-------|-----|----|-----|-----|-----|-----|-----|----|------|
| S 01 | 1 | 1 | 5 | 1 | 0 | 1 | 2 | 2 | 5 |
| S 02 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| M 03 | 0 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 2 |
| T 04 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 |
| W 05 | 2 | 1 | 3 | 3 | 3 | 3 | 2 | 2 | 3 |
| T 06 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 |
| F 07 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 2 |
| S 08 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 2 |
| S 09 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 2 |
| M 10 | 2 | 1 | 3 | 2 | 2 | 1 | 3 | 2 | 3 |
| T 11 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |
| W 12 | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 3 |
| T 13 | 1 | 1 | 1 | 2 | 2 | 1 | | 1 | 2 |
| F 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| S 15 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 |
| S 16 | 2 | 1 | 7 | 2 | 2 | 1 | 2 | 2 | 7 |
| M 17 | 2 | 1 | 5 | 2 | 2 | 1 | 2 | 2 | 5 |
| T 18 | 1 | 2 | 6 | 2 | 1 | 1 | 3 | 1 | 6 |
| W 19 | 1 | 1 | 6 | 1 | 0 | 1 | 2 | 1 | 6 |
| T 20 | 0 | 1 | 4 | 1 | 0 | | 2 | 0 | 4 |
| F 21 | 1 | 1 | 14 | 2 | 2 | 2 | 2 | 1 | 14 |
| S 22 | 2 | 2 | 10 | 3 | 2 | 1 | 3 | 1 | 10 |
| S 23 | 1 | 1 | 4 | 1 | 1 | 1 | 3 | 0 | 4 |
| M 24 | 1 | 1 | 9 | 1 | 1 | 1 | 3 | 0 | 9 |
| T 25 | 2 | 1 | 13 | 1 | 3 | 1 | 2 | 0 | 13 |
| W 26 | 2 | 1 | 20 | 0 | 1 | 1 | 1 | 0 | 20 |
| T 27 | 1 | 1 | 34 | 0 | 1 | 1 | 1 | 0 | 34 |
| F 28 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 2 |
| S 29 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 2 |
| S 30 | 1 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 2 |
| M 31 | 1 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 2 |
| Max | 2 | 2 | 34 | 3 | 3 | 3 | 3 | 2 | 34 |
| D> 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mean | 1.2 | .9 | 5.4 | 1.4 | 1.3 | 1.1 | 2.0 | .9 | |

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| Station | abbr | California Stds. | | | | National Stds. | | | PM10 Ann. Average | PM10 Ann. Geo. Mean |
|---------------|------|------------------|-----|-----|-------|----------------|--------|----|----------------------|------------------------|
| | | O3-1hr | NO2 | SO2 | PM10* | O3-1hr | O3-8hr | CO | | |
| Bethel Island | BI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21.7 | 19.2 |
| Concord | CC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19.6 | 17.5 |
| Crockett | CR | | | 0 | | | | | | |
| Fairfield | FF | 0 | | | | 0 | 0 | | | |
| Fremont | FR | 0 | 0 | | 0 | 0 | 0 | 0 | 23.0 | 21.3 |
| Gilroy | GI | 0 | | | | 0 | 0 | | | |
| Hayward | HA | 0 | | | | 0 | 0 | | | |
| Livermore | LI | 0 | 0 | | 0 | 0 | 0 | 0 | 22.9 | 21.0 |
| Los Gatos | LG | 0 | | | | 0 | 0 | | | |
| Martinez | MA | | | 0 | | | | | | |
| Mountain View | MV | 0 | | | | 0 | 0 | | | |
| Napa | NP | 0 | 0 | | 0 | 0 | 0 | 0 | 17.7 | 16.1 |
| Oakland | OA | 0 | | | | 0 | 0 | 0 | | |
| Pittsburg | PT | 0 | 0 | 0 | | 0 | 0 | 0 | | |
| Redwood City | RC | 0 | 0 | | 0 | 0 | 0 | 0 | 24.1 | 22.0 |
| San Francisco | SF | 0 | 0 | 0 | | 0 | 0 | 0 | 23.9 | 21.6 |
| San Jose | SJ | 0 | 0 | | 0 | 0 | 0 | 0 | 27.0 | 24.2 |
| SJ Piedmont | SP | 0 | | | | 0 | 0 | | | |
| SJ Tully Road | TR | | | 0 | | | | 0 | 23.4 | 20.9 |
| San Leandro | SL | 0 | | | | 0 | 0 | | | |
| San Martin | SM | 0 | | | | 0 | 0 | | | |
| San Pablo | PA | 0 | 0 | 0 | | 0 | 0 | 0 | | |
| San Rafael | SR | 0 | 0 | | 0 | 0 | 0 | 0 | 20.6 | 18.7 |
| Santa Rosa | ST | 0 | 0 | | 0 | 0 | 0 | 0 | 20.0 | 18.5 |
| Vallejo | VA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.6 | 15.0 |
| District | Dist | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |

*PM10 is sampled once every 6 days

AMBIENT AIR QUALITY STANDARDS

| Pollutant | Time | California Standards | National Standards | Method |
|-------------------------------|-----------------|----------------------|-----------------------|-------------------------|
| Ozone | 1 Hour | 9 pphm | 12 pphm | Ethylene |
| | 8 Hour | - | 8 ppm | Chemiluminescence |
| Carbon Monoxide | 8 Hour | 9.0 ppm | 9 ppm | Non-dispersive Infrared |
| | 1 Hour | 20 ppm | 35 ppm | Spectroscopy (NDIR) |
| Nitrogen Dioxide | Annual Average | - | 5.3 pphm | Gas Phase |
| | 1 Hour | 25 pphm | - | Chemiluminescence |
| Sulfur Dioxide | Annual Average | - | 30 ppb | Pararosoaniline |
| | 24 Hour | 50 ppb | 140 ppb | |
| Suspended Part. Matter (PM10) | Annual Average | - | 50 ug/m ³ | Size Selective Inlet |
| | Ann. Geo. Mean | 30 ug/m ³ | - | High Volume Sampler |
| | 24 Hour Average | 50 ug/m ³ | 150 ug/m ³ | |